
Appendix B:

**Congested Freeway Locations –
Morning and Evening
Commutes, 2004**

Morning Peak-Period Congested Locations, 2004 (ordered by county and route)

COUNTY	ROUTE	DIR.	DAILY DELAY (vehicle hours)	DURATION (AM)	LOCATION
ALA	24	E	730	6:35–9:45	East of Route 13 to Gateway Boulevard
ALA	24	W	150	7:55–9:00	North of Telegraph Avenue to I-580
ALA/CC	80	W	10,080	5:50–10:25	Route 4 to Bay Bridge metering lights
ALA	84	S	80	5:30–9:30	At Dumbarton Bridge toll plaza*
ALA	92	W	130	7:50–9:20	At San Mateo-Hayward Bridge toll plaza*
ALA	238	N	260	5:50–8:55	I-580 to south of I-880 southbound off-ramp*
ALA	238	S	70	7:15–8:15	I-880 to south of Castro Valley Boulevard*
ALA/CC	580	E	110	6:50–9:25	Central Avenue to Buchanan Street*
ALA	580	W	430	5:43–7:15	East of I-205 interchange to west of Grant Line Road
ALA	580	W	5,120	5:55–9:05	North Flynn Road to west of Airway Boulevard
ALA	580	W	360	6:45–9:15	Hopyard Road to I-680*
ALA	580	W	380	6:25–8:10	Strobridge Avenue to Route 238*
ALA	580	W	250	7:10–8:50	35th Avenue to east of Lakeshore
ALA	580	W	250	7:35–9:20	Route 24 interchange to I-80 interchange
ALA	680	N	130	7:50–9:00	At I-580 and at Alcosta Boulevard*
ALA	880	N	2,190	6:20–9:30	West Grand Avenue to south of Maritime Street
ALA	880	N	540	6:50–8:30	Decoto Road to south of Tennyson Road
ALA	880	N	170	7:35–9:10	Route 92 to south of Hesperian Boulevard*
ALA	880	N	220	7:15–9:50	Route 238 to Davis Street and at Hegenberger Road*
ALA	880	N	280	7:50–9:00	Hegenberger Road to High Street*
ALA	880	S	1,860	6:55–10:25	Stevenson Boulevard to Mission Boulevard
ALA	880	S	700	8:20–10:00	Industrial Parkway to Stevenson Boulevard
ALA	880	S	1,240	7:45–10:20	South of Marina Boulevard to Route 92
CC	4	W	420	6:45–8:45	Bailey Road to Willow Pass Road*
CC	4	W	3,600	5:20–9:18	Lone Tree Way to west of Loveridge Road
CC	24	W	70	6:35–8:15	Camino Pablo to Gateway Boulevard
CC	24	W	220	7:35–9:05	I-680 to east of Laurel Drive*
CC	242	S	100	6:45–8:30	Concord Avenue to I-680*
CC	580	W	270	6:15–8:55	Marine Street undercrossing to Richmond-San Rafael Bridge toll plaza*
CC	680	N	290	7:40–8:50	South of Crow Canyon Road to El Pintado Road

* Segment monitored in 2003

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Morning Peak-Period Congested Locations, 2004 (continued)

COUNTY	ROUTE	DIR.	DAILY DELAY (vehicle hours)	DURATION (AM)	LOCATION
CC	680	S	1,220	7:00–9:10	North of South Main Street to north of El Pintado Road
CC	680	S	820	6:25–8:50	Willow Pass Road to Geary Road
CC	680	S	540	8:40–8:20	Benicia-Martinez Bridge toll plaza to Contra Costa Boulevard
MRN	101	S	3,110	6:40–9:35	North of Route 37 to I-580
SCL	17	N	150	7:45–8:40	North of Camden Avenue*
SCL	85	N	210	6:40–9:20	At Bernal Road on-ramp (metering lights)*
SCL	85	N	390	7:10–9:15	Almaden Expressway to Union Avenue*
SCL	85	N	470	7:10–9:50	Route 17 to Saratoga Avenue*
SCL	85	N	120	7:20–8:45	North of Saratoga Avenue and at De Anza Boulevard*
SCL	85	N	510	7:00–9:45	I-280 to El Camino Real and at U.S. 101*
SCL	87	N	100	8:50–10:00	Curtner Avenue to Almaden Expressway*
SCL	101	N	340	6:15–7:35	South of San Martin Avenue to south of Cochrane Road
SCL	101	N	950	6:40–8:50	North of Bernal Road to north of Tully Road
SCL	101	N	2,560	6:35–9:55	I-280 to north of Trimble Road
SCL	101	N	380	7:30–9:15	Ellis Street to Route 85*
SCL	101	N	300	6:40–9:10	At San Antonio Road*
SCL	237	E	180	7:50–9:20	At Mathilda Avenue and at I-880 southbound off-ramp connector*
SCL	237	W	340	7:20–9:10	I-880 split to Zanker Avenue*
SCL	280	N	150	7:15–8:15	U.S. 101 to Reed Street*
SCL	280	N	410	6:50–9:10	Meridian Avenue to I-880*
SCL	680	N	60	7:40–8:20	Capitol Expressway to McKee Road*
SCL	680	S	200	7:40–8:45	At U.S. 101*
SCL	880	N	90	7:15–9:30	North First Street to Brokaw Road
SCL	880	S	50	7:40–8:40	Montague Expressway to Brokaw Road*
SF	80	E	1,180	7:10–10:10	U.S. 101 to Sterling Street
SF	80	W	430	7:55–9:20	East of Treasure Island to Fremont Street
SF	101	N	310	7:15–9:05	North of Cesar Chavez Street to Mission Street
SF	101	S	10	6:55–8:00	At I-80*
SF	280	N	280	6:40–8:15	Alemaney Boulevard to U.S. 101*
SF	280	N	180	7:30–9:15	Mariposa Street to King Street*
SM	101	N	600	7:30–9:30	Willow Road to Woodside Road*
SM	101	N	1,530	7:10–9:25	Route 92 interchange to Third Avenue

* Segment monitored in 2003

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Morning Peak-Period Congested Locations, 2004 (continued)

COUNTY	ROUTE	DIR.	DAILY DELAY (vehicle hours)	DURATION (AM)	LOCATION
SM/SCL	101	S	1,370	7:20–9:20	North of Marsh Road to Route 85 interchange
SM/SCL	101	N	110	7:10–9:45	At University Avenue
SM	101	S	1,170	7:05–9:25	North of Route 92 to Marine Parkway
SM	280	S	290	7:15–8:50	Route 1 to Avalon Drive*
SOL/SON	37	W	70	6:40–9:40	At Skaggs Island Road and at Sonoma/Solano county line*
SOL	37	W	220	6:10–8:15	Mare Island Interchange to post mile 6 and post mile 4 to Skaggs Island*
SOL	80	W	320	5:50–7:45	Solano Avenue to Carquinez Bridge toll plaza*
SOL	80	W	350	6:15–8:20	Abernathy Road to west of Route 12*
SON	101	N	370	7:20–9:10	Route 116 to Golf Road and Hearn Avenue to College Avenue*
SON	101	S	990	5:35–8:20	South of Redwood Highway to north of Kastania Road
SON	101	S	80	7:25–8:50	End of HOV lane to Wilfred Avenue*
SON	101	S	430	7:10–9:10	Airport Boulevard to south of River Road*

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Evening Peak-Period Congested Locations, 2004 (ordered by county and route)

COUNTY	ROUTE	DIR.	DAILY DELAY (vehicle hours)	DURATION (PM)	LOCATION
ALA	24	E	1,730	3:40–6:40	I-580 to Caldecott Tunnel
SF/ALA	80	E	2,430	2:35–7:00	West of Treasure Island to east of Powell Street
ALA	80	E	2,150	3:10–6:25	I-580 interchange to Gilman Street
ALA/SF	80	W	2,180	4:20–7:00	At Bay Bridge toll plaza and incline section of Bay Bridge to Fifth Street*
ALA	80	W	1,250	2:20–5:35	Gilman Street to south of I-580 interchange
ALA	84	N	160	3:25–6:15	Newark Boulevard to I-880*
ALA	92	E	3,760	3:35–7:55	Clawiter Road to I-880 interchange
ALA	238	N	190	2:50–6:45	I-580 to south of I-880*
ALA	238	S	450	3:45–6:35	I-880 to Castro Valley Boulevard*
ALA	580	E	2,370	3:25–7:20	East of Livermore to east of Greenville Road*
ALA	580	E	4,320	2:55–6:40	Hopyard Road to west of El Charro Road*
ALA	580	E	450	5:00–6:15	Route 24 to Coolidge Avenue
ALA	580	W	40	3:20–5:55	Strobridge Avenue to Route 238
ALA	680	N	660	3:15–6:15	Route 262 to Washington Avenue*
ALA	880	N	1,730	4:50–5:50	Thornton Avenue to north of Fremont Boulevard
ALA	880	N	220	4:05–5:50	Mowry Avenue to south of Route 84*
ALA	880	N	1,420	3:25–6:45	Route 84 to Industrial Boulevard*
ALA	880	N	470	4:25–6:35	At A Street and at Route 238 interchange*
ALA	880	N	270	3:15–4:15	North of Coliseum Way to north of High Street
ALA	880	S	390	3:45–6:30	North of Route 92 to Route 84
ALA	880	S	420	4:00–6:25	At Hesperian Boulevard and A Street to Route 92*
ALA	880	S	410	4:45–6:15	Hegenberger to 98th Avenue and Davis Street to Marina Boulevard and at Route 238*
ALA	880	S	370	4:45–6:15	Oak Street to Embarcadero and at Fruitvale Avenue and at 42nd Avenue*
CC	4	E	990	4:05–6:05	Pacheco Boulevard to east of Port Chigago Highway
CC	4	E	2,340	3:35–6:55	East of Bailey Road to East of Somersville Road
CC	24	E	190	3:50–6:00	At Acalanes and at I-680*
CC	24	W	820	4:05–6:30	West of Camino Pablo to Fish Ranch Road
CC/ALA	80	E	530	4:00–6:30	Buchanan Street to San Pablo Avenue*
CC	80	E	250	4:25–6:00	El Portal Road to Pinole Valley Road*
CC	680	N	620	4:00–6:35	North of Bollinger Canyon Road to Sycamore Valley Road*

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Evening Peak-Period Congested Locations, 2004 (continued)

COUNTY	ROUTE	DIR.	DAILY DELAY (vehicle hours)	DURATION (PM)	LOCATION
CC	680	N	710	3:30–6:00	El Pintado Road to north of Livorna Road*
CC	680	N	1,040	4:15–5:50	Livorna Road to north of North Main Street
CC	680	N	980	4:40–6:05	Burnett Avenue to Concord Avenue
CC	680	S	330	4:55–6:25	Route 24 to north of Livorna Road
MRN	101	N	2,680	3:05–5:55	Route 1 to north of I-580*
MRN	101	N	550	3:20–6:25	Atherton Avenue to north of beginning of expressway*
MRN	101	N	300	3:15–6:25	North of San Antonio Road*
MRN	101	S	180	4:30–6:55	South of Waldo Tunnel to San Francisco county line*
MRN	580	W	590	2:40–6:50	Bellam Road to U.S. 101*
SCL	17	S	100	4:20–6:00	North of Hamilton Avenue*
SCL	85	S	30	5:40–6:50	At Route 87*
SCL	85	S	280	4:20–6:45	Route 17 to south of Union Avenue*
SCL	85	S	490	3:40–6:50	Stevens Creek Boulevard to De Anza Boulevard*
SCL	85	S	720	4:45–6:55	Evelyn Avenue to south of Fremont Avenue
SCL	87	S	1,470	2:50–6:25	North of Julian Street to Lelong Street
SCL	101	N	560	4:10–6:20	University Avenue to Ellis Street
SCL	101	S	1,500	3:30–6:35	Julian Street/McKee Road to Capitol Expressway
SCL	101	S	1,940	3:35–5:55	North of San Tomas Expressway to south of 13th Street
SCL	101	S	2,370	3:55–7:10	University Avenue to south of Shoreline Boulevard
SCL	237	E	220	3:30–7:10	Great America to North First Street
SCL	237	E	400	3:30–7:10	At I-880 connector*
SCL	237	W	340	5:00–6:45	McCarthy Boulevard to North First Street and Mathilda Avenue to U.S. 101*
SCL	280	S	530	4:50–6:30	Moorpark Avenue East to 11th Street*
SCL	280	S	310	4:45–6:40	At De Anza Boulevard and at Saratoga Avenue*
SCL	280	S	140	5:10–6:30	El Monte Road to north of Magdalena Avenue*
SCL	680	S	400	5:10–6:10	North of Calaveras Road to south of Berryessa Road
SCL	880	N	1,400	4:00–7:10	Montague Expressway to north of Dixon Landing Road*
SCL	880	S	190	5:10–6:50	U.S. 101 to First Street and Route 82 to north of Bascom Avenue*
SCL	880	S	1,400	4:00–7:10	Montague Expressway to north of Dixon Landing Road
SF	80	E	3,470	2:30–7:25	U.S. 101 to Sterling Street
SF	80	W	410	3:55–6:45	5th Street to U.S. 101

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Evening Peak-Period Congested Locations, 2004 (continued)

COUNTY	ROUTE	DIR.	DAILY DELAY (vehicle hours)	DURATION (PM)	LOCATION
SF	101	N	370	4:35–6:20	South of Cesar Chavez Street to I-80
SF	101	S	1,060	4:20–7:10	South Van Ness Avenue to north of 10th Street and I-80 to Cesar Chavez Street
SF	280	S	260	4:30–6:15	U.S. 101 to Alemany Boulevard*
SF	280	S	150	4:50–6:30	Mariposa Street to Pennsylvania Avenue*
SM	92	W	80	5:15–6:15	U.S. 101 to Delaware Street*
SM	101	N	1,470	4:40–6:55	South of Holly Street to Route 92
SM	101	N	420	4:55–6:35	Route 92 to Third Avenue and Anza Boulevard to north of Broadway
SM	101	S	50	4:50–5:50	At Woodside Road and at Willow Street*
SM	101	S	310	3:30–6:30	At Poplar Avenue*
SM	101	S	200	3:20–6:00	Millbrae Avenue to Bridgeway*
SM	280	N	210	5:30–6:30	Sandhill Road to Woodside Road and north of Woodside Road*
SM	280	N	160	5:20–6:40	I-380 to Westborough Boulevard*
SM	380	W	100	5:00–6:40	At I-280*
SOL	80	E	220	3:35–6:40	At Carquinez Bridge toll plaza*
SOL	80	E	840	3:50–5:50	I-680 to Cordelia truck scales
SOL	80	E	230	4:30–6:30	East of Magellan Road to east of Travis Boulevard*
SOL	680	N	620	3:10–6:35	South of Cordelia Street to I-80*
SON	37	E	170	3:45–6:10	At Route 121*
SON	101	N	100	4:25–6:05	North of East Washington Avenue*
SON	101	N	120	3:50–6:10	At Old Redwood Highway*
SON	101	N	200	2:10–5:25	South of Route 116 to Golf Course Road
SON	101	N	1,770	1:10–5:35	Route 12 to north of College Avenue
SON	101	S	1,050	2:40–6:10	North of Mendocino Avenue to 5th Street

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